

S/N Unknown

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	HIRAMOTO et al.	Examiner:	David Louis Ometz
Serial No.:	Unknown	Group Art Unit:	2653
Filed:	Concurrent herewith	Docket No.:	10873.0805USD1
Title:	MAGNETORESISTIVE ELEMENT, METHOD FOR MANUFACTURING THE SAME, AND METHOD FOR FORMING A COMPOUND MAGNETIC THIN FILM		


CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV 321727446 US

Date of Deposit: October 16, 2003

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By:



Name: Teresa Anderson

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted within three months of the filing date of the above-identified application, which is not an application under 37 C.F.R. § 1.53(d). Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(d), a copy of each document or other information listed on the enclosed Form 1449 is not provided because it was previously cited by or submitted to the U.S. Patent and Trademark Office in parent application, U.S. Serial No. 09/948175 filed on September 6, 2001.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a

reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.


Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

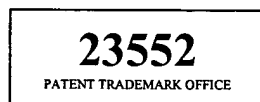
Respectfully submitted,

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Dated: October 16, 2003

By 
Douglas P. Mueller
Reg. No. 30,300

DPM/ame



FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 10873.0805USD1	Application Number: Unknown
	Applicant: HIRAMOTO et al.	
	Filing Date: Concurrent herewith	Group Art Unit: Unknown

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,695,864	December 1997	Slonczewski, John Casimir			
	5,841,692	November 1998	Gallagher et al.			
	6,185,077	February 2001	Tong et al.			
	6,313,973	November 2001	Fuke et al.			
	6,522,507	February 2003	Hornig et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		"Spin-Valve-Like Ferromagnetic Tunnel Junction" (K.Kobayashi et al., The Magnetism Society of Japan, Vol. 112-2, 1999, page 11-18) with its English Abstract
		"High thermal stability tunnel junctions", (S. Cardoso et al., Journal of Applied Physics, Vol. 87, No. 9, 2000, page 6058-6060
		"Spin Tunneling Junctions for Magnetic Head Application" (M. Nakada et al., The Magnetism Society of Japan, Vol. 112-7, 1999, page 43-50) with its English Abstract

23552

PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	